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MASS. HORTICULTURAL SOC.
AUG 14 1889
BOSTON.

No. 2.

HEIKES NURSERIES,

(ESTABLISHED 1822.)

W. F. HEIKES, - - Proprietor.

DAYTON, OHIO.

OFFICE--CITY LIMITS, NORTH MAIN STREET.

The Publication of this List abrogates previous quotations.

SEMI-ANNUAL TRADE LIST.

(FOR NURSERYMEN ONLY.)

SPRING, 1872.

DAYTON JOURNAL PRINT.

NOTICE.

Our packing and shipping season begins the first of October, and continues, except through January, until about the first of May.

Parties should be particular to state plainly the mode of conveyance by which they wish their orders forwarded. When no directions are given, we will forward by the route and mode we judge best, without assuming the responsibility. The risk and expense of transportation belongs to the purchaser, and claims for all damages on route should be made upon the forwarders.

The articles on this list will be furnished at the prices named, only when the specified number is taken, except as follows: 6 will be furnished at the dozen rates, 50 at the 100 rates, and 500 at 1000 rates. A moderate charge will be made for packages, but for conveyance of goods to the depot no expense will be added.

Goods will be packed in moss, and special care taken to insure their arrival in the best condition.

Terms:—Cash, unless specially agreed otherwise.

Catalogues will be mailed to applicants as follows:

No. 1.—Descriptive Catalogue.

" 2.—Wholesale Trade List for Nurserymen.

" 3.—Dealers' Price List.

" 4.—Retail Price List.

" 5.—Dealers' Price List—Heikes Branch Nurseries, Clinton, Mo.

Address,

W. F. HEIKES.

DAYTON, O., February 1st, 1872.

INDUCEMENTS.

In the same avocation, one business house holds advantages in some respects over another. We beg leave to mention the following advantages, claimed for this house, to which we trust our patrons will be able to bear favorable testimony.

EARLY SHIPMENTS.

The mildness of our winters allows us an almost uninterrupted season for shipments, from the 1st of October, to the 1st of May, the month of January usually being the only exception, consequently, for the South and West especially, which requires early transportations in Spring, our location will be found a peculiarly favorable one. For the North and East also, with those who desire to re-distribute stock, the advantages of an early opportunity for shipments cannot be over-estimated.

PROMPT SHIPMENTS.

Our system, in which the "sets of men" who grow the stock, have only to deliver it to the packing grounds, to be packed by others, whose exclusive business it is, and our railroad facilities, there being no less than eight converging lines, obviating the necessity of "waiting a day for a car," gives us an advantage for prompt shipments seldom offered. Our facility for shipping via River, brings us into cheap and close connection with

SOUTHERN POINTS.

The distance from Dayton to Cincinnati being only 60 miles, and the connection between the two cities being made by a single line of road, the transfer to the River, where a line of boats runs daily, requires but one day.

CAREFULNESS IN PACKING.

In this important matter, we are especially careful, and pride ourselves upon the good condition of the plants thus assured upon the arrival at their point of destination. During the Winter season,

PACKING AGAINST FROST

Is carefully and systematically provided, and but a short time intervenes each Winter, in which we cannot safely send out stock.

EXPERIENCE IN BUSINESS.

The man who is educated to his trade, possesses the first requirements of success to himself and of profit to his patrons. I will first state as a matter of history, the time of the establishment of these Nurseries. Andrew Heikes, Sen., commenced the nursery business, about the year 1798, at Carlisle, Pa. His son, George Heikes, Sen., who succeeded him in business, immigrated to Dayton, O., in the year 1822, making the first planting the same year from plants brought with him. He continued the business until his death, in 1838, when it succeeded to his sons, eight in number, of whom all, except one dead, cultivate trees and plants for sale. It depended, however, upon Jacob Heikes and the present proprietor, to keep the Nurseries and the name prominently before the public, and at that point which the times require. The present proprietor can now claim 13 years in business, commencing with his majority when he became associated with his father, under the firm name and title of Jacob Heikes & Son, which existed until 1866, when the senior partner retired from an active and successful business, leaving it in the hands of the junior member, who expects to continue it. With an education to my business from my youth up, and a successful experience of 13 years in active business, I feel warranted in adducing my experience in business as one of the advantages of this house.

SUCCESSFUL PROPAGATION.

The peculiar adaptation of soil and climate in this locality to the requirements for successful propagation, has proved an important auxiliary to the success of this establisment. The variety of soil being sufficient for the growth of all kinds of trees and plants in general cultivation, and the climate in its steadiness and freedom from extreme changes of temperature, renders propagation by buds, so precarious in some sections, almost a certainty here.

PROMPT COLLECTIONS.

The strict rules of our house in regard to payments, always requiring cash with the order, approved note, or satisfactory reference, has placed us in a position to be able to fulfil our promises to our customers from a full stock, in a prompt and reliable business manner.

FRUIT DEPARTMENT.

APPLES—Standard.

	Per 100	Per 1000
Three years, 5 to 7 feet, 1st selection	$12 50	$100 00
" " 4 to 6 feet, 2d " light	10 00	80 00
Two year, " 1st " very fine	12 50	100 00

APPLES—Dwarf. (On Paradise.)

Two years, 2½ to 4 feet, 1st selection	16 00	150 00
" " " Hyslop and Transcendant	20 00	175 00

APPLES—Crab.

Hewes' Va., 4 to 6 feet, 3 and 4 years	15 00	125 00
" 3 to 5 feet, 2 years	10 00	100 00
Transcendant, Hyslop, and Siberians, 4 to 6 feet, 2 and 3 yrs.	20 00	175 00

PEARS—Standard.

Two and three years, extra selected	50 00	
" " 1st selection, 4½ to 6 feet, fine	32 50	300 00
" " 2d " 4 to 5 feet	25 00	225 00

PEARS—Dwarf.

Two year, 1st selection	17 00	160 00
Three years, " very strong	20 00	
" 2d "	15 00	

CHERRIES—Standard.

Hearts and Bigarreaus, two years, 5 to 7 feet	20 00	180 00
" " one year, 4 to 6 feet	16 00	150 00
Early Richmonds and Dukes, two years, four to five feet	20 00	180 00
" " " one year, 2½ to 3 feet	16 00	150 00
" " 4 @ 5 yrs , 7 ft., bearing size, very heavy,	30 00	
" " " 6 ft. " " " " "	25 00	

CHERRIES—Dwarf.

One year, well branched...Per 10	$16 00	$150 00

PEACHES—Standard.

One year from bud, 1st selection	9 00	80 00
" " 2d "	5 00	40 00

PEACHES—Dwarf.

Golden Dwarf, 1½ to 2 feet	2 00	16 00	150 00
Italian Dwarf	3 00		

PLUMS—Standard. (On Peach.)

	Per 10	Per 100	Per 1000
Three years, 6 to 8 feet, heavy		20 00	
Two and three years, 4 to 5 feet, 1st selection		15 00	125 00
" " 3 to 4 feet, 2d "		12 50	100 00
One year, 4 to 6 feet, well branched, very fine		15 00	125 00
" 3 to 5 feet, not uniformly branched		12 50	100 00
" Wild Goose, 4 to 6 feet	3 00	25 00	200 00
" " 3 to 4 feet	2 00	15 00	125 00

PLUMS—Dwarf. (Utah Hybrid Cherry.)

One year, well branched, very fine, each 50 cts	4 00	35 00	

APRICOTS.

Two years, 4 to 6 feet, strong	1 80	16 00	
One year, 3 to 5 feet, very fine	1 80	16 00	

NECTARINES.

One year, 3 to 5 feet, very fine	1 25	10 00	

QUINCES.

Orange, 2½ to 3 feet	3 00	25 00	
Angers, "	2 00	15 00	

GRAPES.

Adirondac, 1 year, No. 1	3 00	25 00	
Agawam, 1 " " (Roger No. 15)	2 50	20 00	
Catawba, 2 " "	1 00	6 00	
" 1 " "	1 00	5 00	45 00
Clinton, 2 " "	1 00	5 00	40 00
Concord, 2 " "	1 00	5 00	40 00
" 1 " "	1 00	4 00	35 00
Creveling, 1 " "	2 00	15 00	
Delaware, 2 " "	2 00	16 00	
Diana, 1 " "	3 00	20 00	
Hartford Prolific, 1 years, No. 1	1 00	7 00	60 00
Ives Seedling, 1 " "	1 00	4 00	35 00
" 2 " "	1 00	5 00	45 00
Iona, 2 " "	2 00	15 00	125 00
Eumelan, 2 " "	6 00	50 00	
Martha, 2 " "	3 50	30 00	250 00
Goethe, 2 " " (Rogers No. 1)	2 50	20 00	180 00
Wilder, 1 " " " 4	2 50	20 00	180 00
Norton's Va. 1 " "	2 50	20 00	180 00
Salem, 1 " " (Rogers No. 53)	2 50	20 00	
Merrimack, 1 " " " 19	2 50	20 00	
Lindley, 1 " " " 9	2 50	20 00	

RASPBERRIES.

	Per 10	Per 100	Per 1000
Clarke	$ 30	$ 2 50	$ 20 00
Philadelphia	30	2 50	20 00
Cincinnati Red	25	2 00	15 00
Doolittle's Improved	25	2 00	10 00
Seneca	25	2 00	10 00
Davison's Thornless	35	3 00	25 00
Mammoth Cluster	25	1 50	10 00
Ohio Everbearing	60	5 00	40 00

BLACKBERRIES.

Kittatinny	25	2 00	15 00
Lawton	30	2 50	20 00
Wilson's Early	40	3 00	25 00
Sable Queen	40	3 00	25 00
Crystal White	40	3 00	25 00

CURRANTS.

Cherry, 1 year, selected, very strong	70	6 00	50 00
La Versaillaise, 1 year, selected, very strong	70	6 00	50 00
Fertile d'Angers " " "	70	6 00	50 00
White Grape, 2 years	70	6 00	50 00
White Dutch, "	60	5 00	40 00
Red Dutch, "	40	3 50	35 00
" 1 year	40	3 00	25 00
Gloire des Sablons, 1 year	60	5 00	

The Cherry, Versaillaise, and Fertile d'Angers Currants, offered at one year old, are especially fine, and cannot fail to give satisfactlon.

GOOSEBERRIES.

Houghton Seedling, 2 years, fine	70	6 50	60 00
" " 1 " "	60	5 00	45 00
Downing's Seedling	3 00		

STRAWBERRIES.

Chas Downing, Downer's Prolific, Green Prolific, per 25	50	1 00	5 00
Burr's New Pine, French, Nicanor "	50	1 00	5 00
Kentucky, Triumphe de Gand, Boyden's No. 30 "	50	1 00	6 00
Jucunda, Barnes' Mammoth, President Wilder "	1 00	2 00	10 00
Wilson's Albany "	50	1 00	2 50

RHUBARB.

Myatt's Linnæus per 25	60	5 00	

SEEDLINGS AND STOCKS.

The Apple Seedlings offered are standing frost bound in the seedling rows at this date (Feb. 1st). Orders for them can only be accepted on condition that shipment shall be made when weather will admit of digging. Samples sent on receipt of twenty-five cents.

	Per 1000	Per 10,000
Apple Seedlings, 1 yr., No. 1, very fine,	$ 6 50	$ 60 00
" " No. 2, good plants	3 00	25 00
Pear Seedlings, " extra	20 00	200 00
Horse Plum Seedlings, 1 year, No. 1	16 00	
Cherry, Mazzard, 1 year, No. 1	10 00	80 00
Quince Stocks, No. 1	25 00	225 00
Peach Seedlings, 1 year	4 00	35 00

Peach Seedlings are grown thickly in beds to prevent them from becoming too large. These plants are more certain to grow than Seeds planted in Spring, and we have found them every way satisfactory. See "How to Start a Nursery."

ROOT GRAFTS.

I have at this date accepted all the orders for Root Grafts that I shall be able to fill, except Pears, of these I still have a fair stock. Samples sent on receipt of twenty-five cents.

Apple, collar grafts, leading sorts, per 100,000, 800.00	10 00	90 00

Collar Grafts, as we put them up, are in every way equal to budded plants.

Apple Grafts, ordinary mode, 2½ inch roots, leading sorts, per 100,000, $600.00	7 00	65 00
Pear, collar grafts, leading sorts	20 00	200 00
Cherry, " "	20 00	180 00
Plum Grafts, leading sorts, on Peach Roots, 5 inch pieces	12 50	100 00
" Wild Goose, " " "	15 00	180 00

Root Grafts will be put up only to order, and orders should be sent in not later than December 1st, as the scions should be cut before severe weather sets in. One-fourth cash will be required with the order, unless otherwise agreed, balance when ready for shipment. Grafts are tied in bunches of 25, and each bunch marked with the name of the variety. Orders will not be received for less than 25 of a variety.

Our assortment of varieties is full, and of the most popular sorts. We use liquid wax in dressing the joints, to make them staunch and IMPERVIOUS TO WATER. The most essential point in waxing is to make the joint water-proof, and this object is not gained in the use of waxed thread, nor safely with waxed paper. Root grafts frequently fail from decay of the joint, brought about by excessive moisture, and our method of waxing is designed especially to prevent this. These grafts, as sent out, are ready to be transplanted into nursery rows. See "How to Start a Nursery," for directions for planting, with a diagram, showing the most approved plan for a nursery.

CUTTINGS.

	Per 1000	Per 10,000
Currants, Cherry and La Versaillaise	$ 8 00	$70 00
" Gloire des Sablons, 6 inches. per 100, $2 00,	10 00	
Gooseberries, Houghton, 6 inches	6 00	
Quince, Angers, 6 inches	6 00	
" Orange, "	6 00	
Poplar, Lombardy, "	5 00	
Willow, Weeping, Babylonica, 6 inches. per 100, $1 50,	6 00	
" " Salomon, " " "	6 00	
" " Osier, Red, "	3 50	
" " " full length	6 00	
Paulownia, Imperialis, root cuttings. per 100, $2 00,		

SEEDS.

	Per lb.	Per bus.
Apple, prime and fresh, 40 lbs	50	10 00
Pear " "	3 50	
Peach, " " frosted		2 00

SCIONS FOR GRAFTING.

	Per 100	Per 1000
Apple, Western Varieties. per 5,000, $15 00,	50	4 00
Apple, Southern " " "	50	4 00
Cherries	2 00	5 00
Pear	2 00	5 00
Plum	2 00	5 00
" Wild Goose	2 00	6 00

When less than one hundred of a variety is ordered, scions will be charged at the rates per hundred.

BUDS.

	Per 10	Per 100	Per 1000
Apple	$ 25	1 00	2 00
Cherry	25	1 00	2 00
Nectarine	25	1 00	2 00
Apricot	25	1 00	2 00
Peach, Standard	25	1 00	1 50
" Golden Dwarf	50	1 00	3 00
Pear	25	1 00	3 00
Plum	25	1 00	3 00
" Wild Goose	1 00	2 00	6 00

When less than one hundred of a variety is ordered, the price will be charged at the rates per hundred; if less than ten, at the rates per ten.

HEDGE PLANTS.

	Per 100	Per 1000
Osage Orange, 1 year, fine	50	2 50
Norway Spruce, 1 foot	20 00	
" 1½ feet	25 00	
Arbor Vitæ, American, 1 foot	5 00	40 00

MISCELLANEOUS.

Dibbles, the best in use, for planting grafts, etc., each $1 25.
Bass Bark, for budding, per lb. 50c., per 10 lbs. $3 00.
Labels, plain tree 75
Wire, for Labels, cut, per lb. 50c.
Budding Knives, each $1 00.
Wax Spoons, for dressing joints of root grafts, wood, each 50c.

CHEAP LIST.

The plants offered under this head are for the most part such as are left stand in the nursery after taking up the heavier sizes. This class of plants is valuable for transplanting into nursery rows, and especially so for those not familiar with the process of grafting, budding, and the care of young plants. This list offers decided pecuniary advantages to orchardists willing to give the necessary attention required in the care of small trees and plants.

	Per 10	Per 100	Per 1000
Apples, 4 years, 4 to 5 feet, but leading sorts	1 00	4 00	35 00
" " 3 to 4 feet, " "	75	3 50	30 00
Pears, standard, 3 to 4 yrs, 4 to 6 ft., imperfect shape	2 00	12 50	100 00
" " " 3 to 4 ft., " "	1 50	7 00	60 00
" dwarf, " " " "	1 50	6 00	50 00
Cherries, standard, 2 to 3 yrs, " " "	1 50	6 00	50 00
Plums, budded, 3 yrs, 6 to 8 feet, " "	1 50	8 00	
" " 2 yrs, 2 to 3 feet, " "	1 50	6 00	50 00
" Grafted Wild Goose, 1 year, light	1 50	12 50	
Currants, Cherry and White Dutch, 2d size	1 00	4 00	35 00

ORNAMENTAL DEPARTMENT.

DECIDUOUS TREES.

	Per 10	Per 100	Per 1000
Apple, Double Flowering, in variety, three years old	$2 00		
Ash, Flowering, 3 ft	2 00		
" European, 5 to 6 ft	1 50	$8 00	
Birch, White, 4 ft	1 50	8 00	
" Papyracea, 5 ft	1 50		
Catalpa Syringa Leaved, 2 to 3 ft	1 50		
" " " 6 to 10 inches		5 00	
Elm, English, 6 to 7 ft	2 00	15 00	
" " 2 to 3 ft		5 00	
Elm, American, White, 4 to 6 ft	2 00		
Horse Chestnut, 5 to 6 ft	5 00		
Kolreuteria Paniculata, 1 to 2 ft	2 50		
Larch, European, 2½ to 3 ft	2 50		
Laburnum, or Golden Chain, 2 to 3 ft	2 00		
Mountain Ash, 6 to 8 ft	3 00	25 00	
" " 5 to 6 ft	2 50	20 00	
Mulberry, White, 4 to 5 ft	1 00	8 00	
Maple; Sugar. 6 to 8 ft	3 50	30 00	
" Silver, 5 to 6 ft	1 50	10 00	
Linden, American, 6 to 8 ft	3 50	30 00	
" European, 6 to 8 ft	3 50	30 00	
Mountain Ash, Oak-leaved	3 00		
Peaches, Double Flowering, five sorts	2 00	15 00	
Poplar, Lombardy, 6 to 8 ft	2 00	15 00	
Paulownia, Imperialis, 6 to 8 ft	5 00		
Prunus, Triloba	3 50		
Salisburia, or Maiden Hair Tree, 2 ft	3 00		
Sweet Gum, Liquidamber Styr, 4 to 5 ft	3 00		
" " " 2 to 3 ft	1 50		
Tulip Tree, 6 to 7 ft	2 50		

WEEPING DECIDUOUS TREES.

	Per 10	Per 100	Per 1000
Ash, Weeping Mountain	$7 50		
" " European	7 50		
Poplar, "	7 50		
Willow, " New American	7 50		
" " Kilmarnock	7 50		
" " Common	2 50	15 00	

DECIDUOUS ORNAMENTAL SHRUBS.

Acacia, Rose, or Moss Locust	$5 00		
Althea, best double varieties, 2 to 3 feet	5 00		
" common, 2 to 3 feet	1 50	10 00	
Berberry, purple, 1 to 2 feet	2 00		
Calycanthus, or Sweet Scented Shrub, 2 to 3 feet, strongly rooted	3 00		
Calycanthus, 1 to 2 feet	2 50		
Deutzias, Scabra	2 00		
" Double Flowering, new, very beautiful	2 00	10 00	
Forsythia, Viridissima	2 50		
" Fortunii, new	7 50		
Honeysuckle, upright	2 50		
Horse Chestnut, dwarf	2 50		
Lilac, common, purple, and white	2 50		
" Persian, " "	2 50		
" Josikea, new	3 00		
" Charles X	7 50		
Purple Fringe, Mist or Smoke Tree, 2 to 3 feet	2 00	15 00	
Quince, Chinese, 1 to 1½ feet	2 50		
" Japan, 2 years, 1 to 2 feet	2 50		
Snow Ball, 2 to 3 feet	1 50		
Spirea, best varieties	2 50	15 00	
" Fortunii Alba, new	2 50		
Philadelphus, or Mock Orange, best varieties	2 50	15 00	
Tamarix, Africana	2 50		
Weigelia, Rosea	2 50		
" Isoline	5 00		
White Fringe	3 50		

VINES AND CREEPERS.

American Ivy, or Virginia Creeper	1 50	5 00
Clematis, Viticella, Cerulea Flammula, Sophia	2 50	
" Jackmanii, Standishii	7 50	
Bignonia Radicans	1 50	
Cissus, Variegated	2 50	

E. Sears Sc. N.Y.